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ADC System Components

Type 4406

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of your Technical Documentation ADC System

Description of the Printer Definition Files version PRN.A.3.0.01

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1 General Information on "Printer Definition Files" (P.D.F.)

Via the "printer definition files" non AGFA DICOM printers can be integrated into an ADC System. Each “printer definition file” contains information about one certain printer type and model. Parameters maybe supported film sizes, used media type or pixels per millimeter. The evaluation and release of these files is done by headquarter people. Thus, no manipulation of that files should be necessary in the field.

The printer definition files will be distributed independently from VIPS / CCM software releases in the future. They will be distributed when new connectivity to printers has been released (normally on a floppy with a version number (current version:PRN.A.3.0.01) or via DigiNet. The current version of that “printer definition files” will be included in the upgrade package for the VIPS.1.1.09 (Order Code: EB+4406.0722).

From VIPS.1.1.09 and CCM.1.1.05 on, there is a possibility provided to download the newly released “printer definition files”. Please note that the current version PRN.A.3.0.01 of the "printer definition files" is already integrated as default in the printer list of CCM 1.1.05. However, it still has to be downloaded to the VIPS.1.1.09. The procedure is described below.

The "printer definition files" have already been introduced with VIPS 1.1.05 to send to non AGFA DICOM Printers and increase the number of print layouts for the SmartPrint option. However, we did not yet have the flexibility there to update the “known printer” database in the CCM and VIPS software respectively, without upgrading the software. This is now possible in an easy manner.

2 Description of the Printer Definition Floppy

The release of P.D.F. is managed by Integration Engineering, whereas the distribution is done by MI CSO. Each set of P.D.F release has a version encoded as `PRN.X.n.n.nn`
The contents is:

- multiple `PRINTER-ID.txt` printer definition files for VIPS, containing date and version for IE version management
- `PRINTERS.prd` listing file for VIPS Maintenance menu procedures. This file contains for each printer definition file on the floppy a line with these fields:

```
#printer            file                 comment
PRINTER-ID          PRINTER-ID.txt       Free text
...                 ...                  ...
```

- `Printers.mdb` file for CCM tool, containing tables for printers and film sizes, containing the version `PRN.X.n.n.nn` and date
- `VERSION` file, containing version PRN.X.n.n.nn and date

3 Installation of the "Printer Definition Files"

Make sure you are installing a set of printer definition files (PDF) that is compatible with the cpf-file that is used on this system
Current configuration:

- printer definition file floppy PRN.A.3.0.01
- CCM – tool 1.1.05
- VIPS 1.1.09

3.1 Installation on the Processing Station

The upgrade of the set of P.D.F.s in your VIPS software may make it necessary to redo some printer settings in the cpf-file with CCM.1.1.05. Please consider that if you have printing problems after the upgrade, redo the cpf-file with CCM 1.1.05

No.	Procedure Steps	Display / Comment
1.	go to **<Maintenance>**, enter password and hit **<Return>**	
2.	Insert "Printer definition files" floppy disk	
3.	Select: **2** to select **Install** and hit **<Return>** **8** to select **Printers** and hit **<Return>** **1** to select **CopyPrinters** and hit **<Return>**	Files are copied. You are asked to confirm every file that has to be overwritten.
4.	Exit **<Maintenance>**	

3.2 Installation on CCM 1.1.05

As CCM 1.1.05 contains all printer information from P.D.F. – PRN.A.3.0.01, no additional installation is necessary.

4 Special Configuration Items in the "Printer Definition Files"

4.1 Activating Film Orientations on the Processing Station for printers with insufficient RAM for image rotation

Due to a lack of memory (RAM) some printers only support one film orientation for certain film sizes. There is a possibility to activate the other film orientation by editing the concerned "printer definition file". From VIPS 1.1.09 on, the Processing Station provides the possibility to rotate the image in a background process. The image is then sent to the printer and printed on the available film orientation. The printer does not have to rotate the image locally.

This setting is activated as default for the Sterling LP 400, which only prints 14" x 17" film in portrait orientation. By adding the entry "HCP_ORIENTATION PORTRAIT" to the settings for the 14" x 17" film in landscape orientation, the rotation of the image will be done on the Processing Station.

Extract of the file:

```
$FILMID              "14 X 17 IN - P"
    FILMSIZE              14INX17IN
    RESOLUTION            STANDARD
    ORIENTATION           PORTRAIT
    ROWS                  4972
    COLS                  4170
    PIXELS_PER_MM         12.1270
$END

$FILMID              "14 X 17 IN - L"
    FILMSIZE              14INX17IN
    RESOLUTION            STANDARD
    ORIENTATION           LANDSCAPE
    HCP_ORIENTATION       PORTRAIT
    ROWS                  4170
    COLS                  4972
    PIXELS_PER_MM         12.1270
$END
```

5 List of supported Printers in PRN.A.3.0.01

Supplier	Printer	printer definition file	Available IE documents
3M	3M_8100	3M_8100.txt	418 – 419 - 422
	3M_8300	3M_8300.txt	418 – 419 - 422
	3M_8500	3M_8500.txt	418 – 419 - 422
	3M_8600	3M_8600.txt	418 – 419 - 422
	3M_8700	3M_8700.txt	418 – 419 - 422
	3M_HQ969	3M_HQ969.txt	418 – 419 - 422
Kodak	Kodak KELP100XLP	KOD_KELP100XLP.txt	418 – 419 - 422
	Kodak KELP1120 DPS	KOD_KELP1120_DPS.txt	418 – 419 - 422
	Kodak KELP1120 PIU	KOD_KELP1120_PIU.txt	418 – 419 - 422
	Kodak KELP2180 DPS	KOD_KELP2180_DPS.txt	418 – 419 - 422
	Kodak KELP2180 PIU	KOD_KELP2180_PIU.txt	418 – 419 - 422
	Kodak MLP190	KOD_MLP190.txt	418 – 419 - 422
	Kodak XLT7720	KOD_XLT7720.txt	418 – 419 - 422
Sterling	Sterling DI200	STE_DI200.txt	425 – 431 - 432
	Sterling DI400	STE_DI400.txt	425 – 431 - 432
	Sterling LP400	STE_LP400.txt	425 – 431 - 432
	Sterling SIJ100	STE_SIJ100.txt	425 – 431 - 432
	Sterling SIJ400	STE_SIJ400.txt	425 – 431 - 432
Fuji	Fuji FL-IM D	FUJ_FL_IMD.txt	504 – 512 - 513
	Fuji FL-IM DM	FUJ_FL_IMDM.txt	504 – 512 - 513
	Fuji FL-IM3543II	FUJ_IM3543.txt	504 – 512 - 513
	Fuji FL-IM3535II	FUJ_FL-IM3535II.txt	504 – 512 - 513
	Fuji FL-IM2636II	FUJ_IM2636.txt	504 – 512 - 513
	Fuji CR-LP D	FUJ_CR-LPD	504 – 512 - 513
	Fuji CR-LP415	FUJ_CR-LP415.txt	504 – 512 - 513
	Fuji FM-DP L	FUJ_FM-DPL.txt	504 – 512 - 513
	Fuji CR-DP L	FUJ_CR-DPL	504 – 512 - 513
	Fuji FM-DP2636	FUJ_FM-DP2636.txt	504 – 512 - 513
	Fuji FM-DP3543	FUJ_FM-DP3543.txt	504 – 512 - 513
	Fuji CR-DP T	FUJ_CR-DPT	504 – 512 - 513
	Fuji CR-DP3543T	FUJ_CR-DP3543T.txt	504 – 512 - 513
Agfa	DI2000	DI2000.txt	
	DI3000	DI3000_1114.txt	
		DI3000_1414.txt	
		DI3000_1417.txt	
	DI4500	DI4500.txt	
	DI4500LR	DI4500LR.txt	
	LR3300	LR3300.txt	
	LR5200	LR5200.txt	
	LR5200HR	LR5200HR.txt	
Codonics	NP1600	COD_NP1600.txt	427
	NP1660	COD_NP1660.txt	427